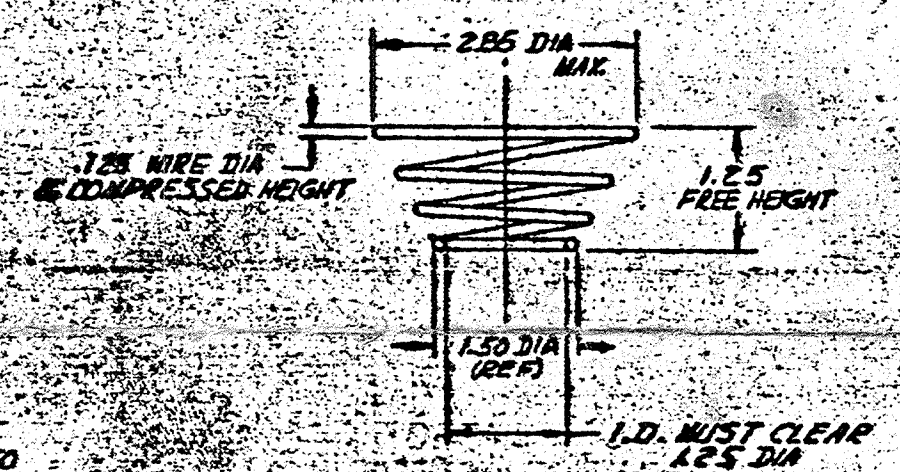
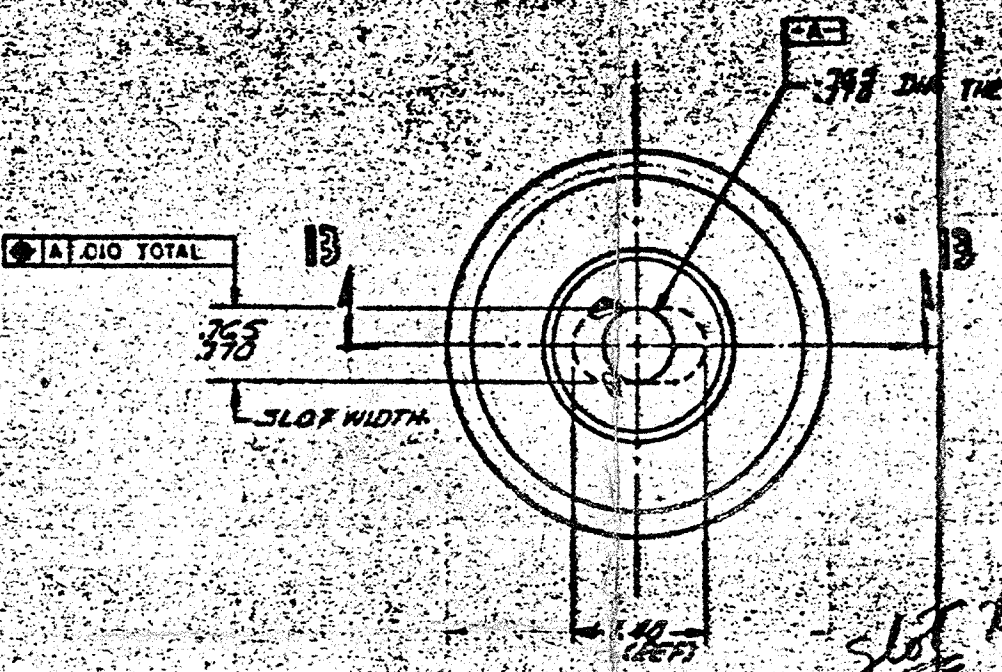


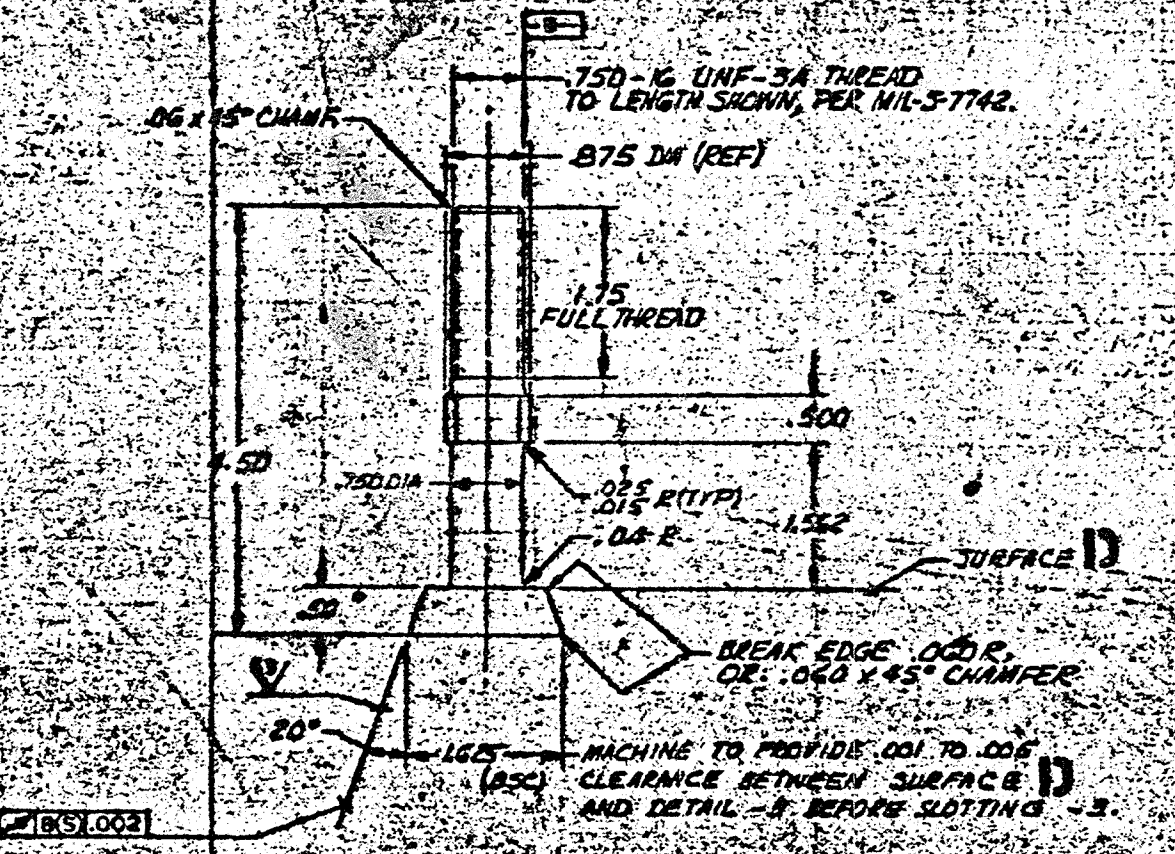
DETAIL -11
SCALE: NONE



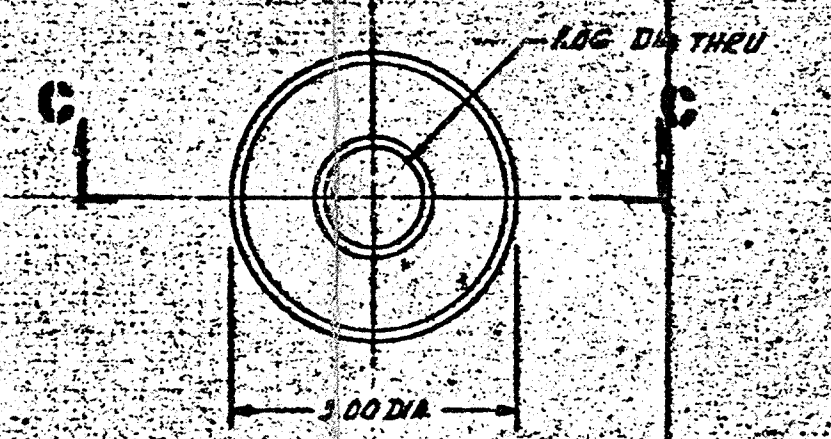
DETAIL -13



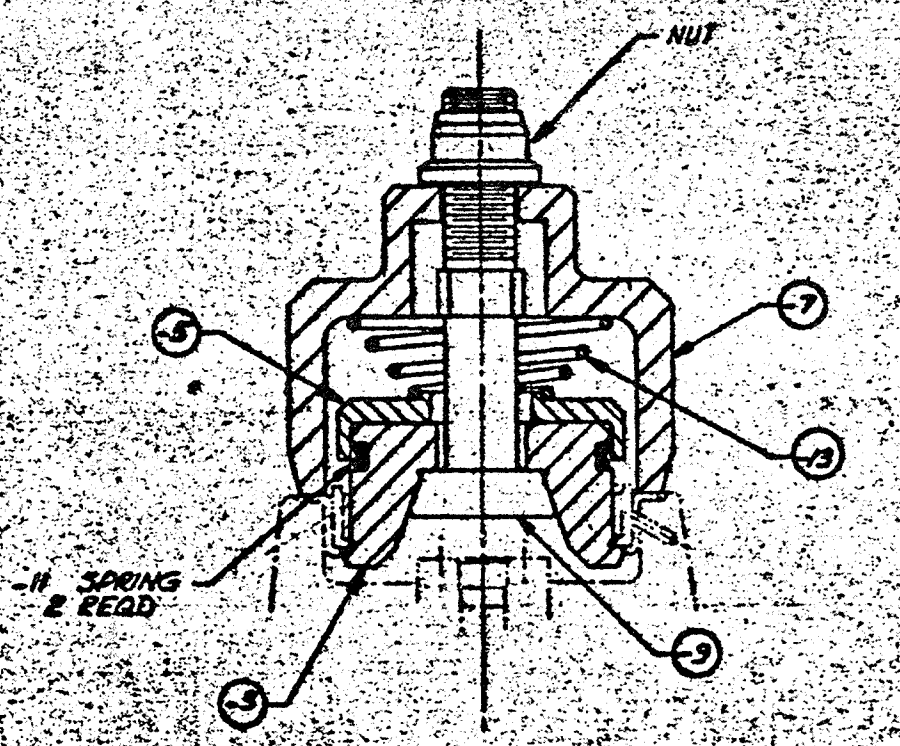
SECTION B-B



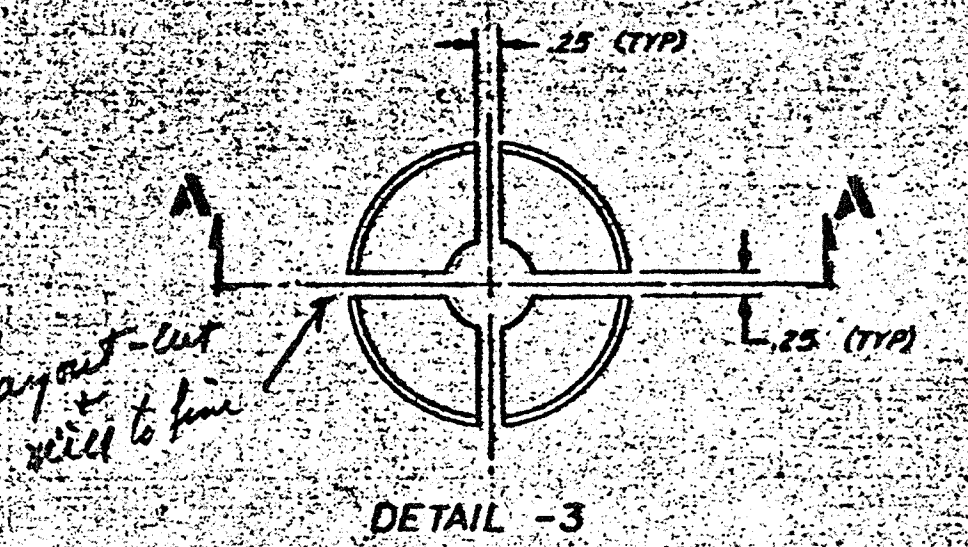
DETAIL -9



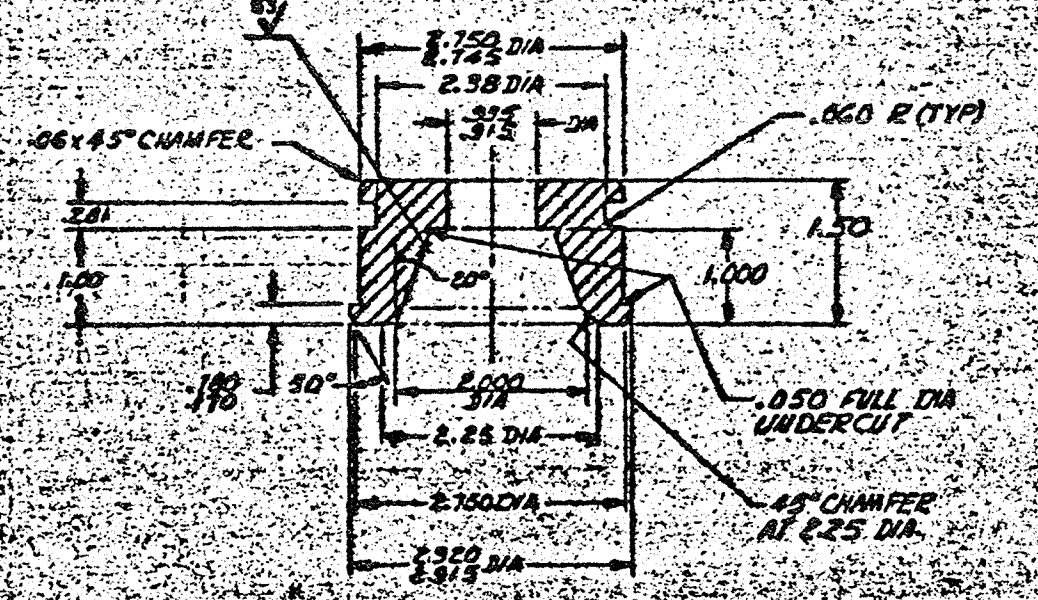
SECTION C-C



TOOL ASSEMBLY



DETAIL -3



SECTION A-A

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TOOL USE 1
TO REMOVE 369A5199 BEARING OUTER RACE
FROM MAIN HOUSING LINE.

- NOTES: UNLESS OTHERWISE SPECIFIED:
1. BREAK ALL SHARP CORNERS & EDGES.
 2. SURFACE FINISH TO BE 32.
 3. HEAT TREAT ITEMS 3-5-7-8-9 TO 160-180.
 4. HEAT TREAT ITEM 15 PER HP 1-10 AFTER FORMING.

THIS IS A REDUCED DWG.

QTY	REQD	PART NO.	NAME	SIZE	DESCRIPTION	SPECIFICATION	QTY
1		1	SPRING	1/25 DIA	HIGH CARBON STEEL	ASTM A229	1
1		2	SPRING	1/25 DIA	HIGH CARBON STEEL	ASTM A229	1
1		3	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		4	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		5	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		6	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		7	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		8	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		9	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		10	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		11	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		12	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		13	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		14	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		15	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		16	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		17	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		18	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		19	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		20	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		21	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		22	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		23	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
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1		99	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1
1		100	EXPANDER	1/25 DIA	ALUMINUM	ALUMINUM	1

CONTRACT NO. 369A9015
HUGHES TOOL COMPANY AIRCRAFT DIVISION
SUNNYVALE, CALIF. 94086

RETRACTOR BEARING
OUTER RACE-M/R OUTPUT

DATE: 02/27/31
SCALE: 1/2

369A9015